

WHAT IS CLAIMED IS:

1. A siding board for clapboard boarding that is employed in a clapboard boarding structure in which a plurality of siding boards are fastened to a framework of a building such that lower side portions of upper siding boards are overlapped frontward of upper side portions of lower siding boards,

wherein the siding board is a ceramic type siding board, the siding board comprising:

vertical joint grooves on a designed surface

thereof,

lower edges of a lower side portion formed at different heights with boundaries of the vertical joint grooves,

a rear surface stepped portion formed on the lower side portion, which has been obtained by notching a rear surface of the siding board, and

an upper end surface of the rear surface stepped portion formed to extend in a substantially straight line in lateral directions.

2. The siding board for clapboard boarding as claimed in Claim 1, further comprising:

an engaging groove formed at the upper end surface of the rear surface stepped portion, which has been obtained by notching the upper end surface; and

engaging notches formed at the upper side portion, which have been obtained by notching the designed surface of the siding boards;

wherein the engaging groove is configured to engage with upper-board engaging portions of fastening members for fastening the siding board to the framework, and

wherein the engaging notches are configured to engage with lower-board engaging portions of the fastening member.

3. A method for manufacturing a siding board for clapboard boarding that is employed in a clapboard boarding structure in which a plurality of siding boards are installed to a framework of a building such that lower side portions of upper siding boards are overlapped frontward of upper side portions of lower siding boards, the method comprising the steps of:

embossing a green sheet to make an embossed board prior to curing of cement for forming joint concave portions at portions that are to be vertical joint grooves of the siding boards and for forming lower concave portions below portions that are to be lower edges of the siding boards, in which the lower concave portions have different vertical widths with the boundaries of the joint concave portions;

curing the cement of the embossed board; and

grinding down lower side portions of the embossed board horizontally across the embossed boards from a rear surface side

thereof up to a bottom surface of the lower concave portions to form rear surface stepped portions and to form lower side portions of the siding board having lower edges at different heights with boundaries of the vertical joint grooves.

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4. The method for manufacturing a siding board for clapboard boarding as claimed in Claim 3, further comprising steps of:

forming the engaging groove by grinding down upwardly the upper end surface of the rear surface stepped portion of the embossed board, and

forming the engaging notches at the upper side portion of the embossed board by grinding down the designed surface.

5. The method for manufacturing a siding board for clapboard boarding as claimed in Claim 3, further comprising steps of:

embossing a green sheet of large width from which a plurality of siding boards can be formed and

separating the embossed board into several boards after curing of cement.

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6. A clapboard boarding structure in which a plurality of siding boards are installed to a framework of a building such that lower side portions of upper siding boards are overlapped frontward of upper side portions of lower siding boards,

25 wherein the siding boards are ceramic type siding boards,

each of the siding boards comprising:

vertical joint grooves on a designed surface,

lower edges of a lower side portion formed at
different heights with boundaries of the vertical joint
grooves,

a rear surface stepped portion formed on the lower
side portion, which have been obtained by notching the
rear surface of the siding boards, and

an upper end surface of the rear surface stepped
portion formed to extend in a substantially straight line
in a lateral direction; and

wherein each of the upper side portions of lower siding
boards is disposed at the rear surface stepped portion formed
on each of the lower side portions of upper siding boards.

7. The clapboard boarding structure as claimed in Claim 6,
wherein the siding boards are fastened to the framework
of the building by fastening members, each of the siding
boards comprising:

an engaging groove formed at the upper end surface
of the rear surface stepped portion, which has been
obtained by notching the upper end surface upwardly, and

engaging notches formed at the upper side portion,
which have been obtained by notching the designed surface;

wherein each of the fastening members comprises a base

plate portion that is fixed to the framework, a supporting portion rising frontward from the base plate portion, an upper-board engaging portion upwardly bent from a front end of the supporting portion, and a lower-board engaging portion downwardly bent from the front end of the supporting portion, and

wherein each of the upper-board engaging portions is engaged with the engaging groove of the upper siding boards and each of the lower-board engaging portion is engaged with the engaging notches of the lower siding board.

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